Index of Claims

| App | lication | Control | No. |
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10/081,616

Examiner

Patricia L. Nordmeyer

Applicant(s)/Patent under Reexamination

WIECK ET AL.

Art Unit

1772

| 7 | Rejected |
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| - | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| Final  | $\neg$   | _        |         |              |          | ate       | <del>-</del> |                     | Date     |          |          |          |                 | Date Claim Date |          |           |           |          |                  |                |          |          |       |          |                | Claim Date |          |          |          |          |          |          |               |  |  |
|--|----------|----------|---------|--------------|----------|-----------|--------------|---------------------|----------|----------|----------|----------|-----------------|-----------------|----------|-----------|-----------|----------|------------------|----------------|----------|----------|-------|----------|----------------|------------|----------|----------|----------|----------|----------|----------|---------------|--|--|
| Final  | न        |          |         |              |          |           |              | Uale   Cialm   Date |          |          |          |          |                 |                 |          |           | $\dashv$  | <u>├</u> | <del>Ulall</del> | <del>"  </del> | -        | Date     |       |          |                |            |          |          |          |          |          |          |               |  |  |
|  | Original | 1/20/08  |         |              |          |           |              |                     |          |          | Final    | Original |                 |                 |          |           |           |          |                  |                |          | Final    | 5     | Original |                |            |          |          |          |          |          |          |               |  |  |
| 1  | 1        | <u>√</u> | 十       | 7            | 寸        | コ         |              |                     |          | $\neg$   |          | 51       | 1               |                 |          | 7         | ┪         | ╗        |                  | ┪              | ヿ        |          | 1     | 01       |                | $\dashv$   | 1        | $\neg$   |          |          |          |          | T             |  |  |
|  | 2        | T        | $\top$  | 1            | $\dashv$ |           |              |                     |          | $\neg$   |          | 52       | T               | $\Box$          | 寸        | 7         | ヿ         | ヿ        |                  | 寸              | ヿ        |          | 1     | 02       | $\neg$         | $\neg$     | 一        |          |          |          |          | П        |               |  |  |
|  | 3        | $\prod$  |         |              |          |           |              |                     |          |          |          | 53       |                 | П               | 丁        | $\exists$ | 一         | T        |                  | T              |          |          | 1     | 03       | $\neg$         | 7          | $\neg$   |          |          |          |          |          |               |  |  |
|  | 4        | II       |         |              |          |           |              |                     |          |          |          | 54       |                 |                 | $\Box$   |           |           |          |                  |                |          |          | 1     | 04       | 一              | ヿ          | 一        | $\neg$   |          |          |          |          |               |  |  |
|  | 5        | Ш        |         |              |          |           |              |                     |          |          |          | 55       |                 |                 |          |           |           |          |                  |                |          |          | 1     | 05       |                |            |          |          |          |          |          |          |               |  |  |
| $\sqcup$   | 6        | Ц        | ᆚ       | 1            | 4        | _         |              |                     |          | _        |          | 56       | <u></u>         | Ш               | $\perp$  | _         |           |          |                  |                |          |          |       | 06       |                |            | $\Box$   |          |          |          |          |          |               |  |  |
| $\sqcup$   | 7        | Ш        | 4       | 4            | 4        | _         | _            |                     |          | _        |          | 57       | _               | Ш               | _        | $\dashv$  |           | _        | _                |                |          |          | _   1 | 07       | _              |            |          |          |          |          |          |          |               |  |  |
|  | 8        | H        | - -     | 4            | 4        | 4         | _            | _                   |          | _        |          | 58       | <u></u>         | <u> </u>        | _        | _         |           | _        | _                | _              |          | <u> </u> |       | 80       | _              | $\dashv$   | _        | _        |          |          |          | Щ        | L             |  |  |
| $\vdash$   | 9        | ₩        | - -     | 4            |          | _         | _            | _                   | $\Box$   | _        | ļ        | 59       | <u> </u>        | $\sqcup$        | _        | _         | _         | _        | _                | _              | _        |          | 41    | 09       | _              | _          | _        |          | _        |          |          |          | ╙             |  |  |
|  | 10       | 11       | +       | +            | 4        | -         | $\dashv$     | $\Box$              |          | _        |          | 60       | _               | $\vdash \vdash$ | 4        | -         | _         | $\dashv$ |                  | _              | _        |          |       | 10       |                | _          | _        | _        |          |          |          | _        | <u> </u>      |  |  |
| <del>                                     </del> | 11       | ╀┼       | +       | +            | +        | -         |              |                     |          |          | <u> </u> | 61       | <u> </u>        | -               | -        | 4         | 4         | _        |                  | -              | _        | <u> </u> | -   1 | 11       | _              | _          | _        | 4        |          | Ш        |          |          | L             |  |  |
| $\vdash$   | 12<br>13 | V        | - -     | +            | +        | 4         | -            |                     |          | $\dashv$ | -        | 62       | <del> </del>    | $\vdash$        |          | 4         | 4         | -        |                  |                | 4        | <u> </u> | +1    | 12       |                | -          | 4        | _        | _        | _        |          | $\vdash$ | <u> </u>      |  |  |
| <del></del>                                      | 14       | 1        | +       | +            | +        | $\dashv$  |              |                     | $\dashv$ | $\dashv$ |          | 63<br>64 | $\vdash$        | $\vdash \vdash$ | +        | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$         |                | $\dashv$ | $\vdash$ |       | 13       |                | $\dashv$   | 4        | 4        |          |          |          | $\dashv$ | <u> </u>      |  |  |
| $\vdash$   | 15       | ⇈        | +       | +            | +        | $\dashv$  | $\dashv$     | $\vdash$            | $\dashv$ | $\dashv$ |          | 65       | ┢               | $\vdash \vdash$ | +        | $\dashv$  | $\dashv$  | -        | $\dashv$         |                | $\dashv$ | $\vdash$ | +     | 14<br>15 |                | -          |          | $\dashv$ | $\dashv$ | -        |          | _        | $\vdash$      |  |  |
| $\vdash$   | 16       | ╫        | +       | +            | ╁        | ┪         | $\dashv$     | -                   | $\dashv$ | $\dashv$ | -        | 66       | -               | $\vdash$        | $\dashv$ | ╗         | -         | -        |                  | $\dashv$       | -        | -        |       | 16       |                | -          | -        | -        | $\dashv$ | -        | -        | $\dashv$ | -             |  |  |
| $\vdash$   | 17       | +        | +       | +            | ╅        | ┪         | $\dashv$     | $\dashv$            | $\dashv$ | $\dashv$ |          | 67       | -               | $\vdash$        | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$ | -                | $\dashv$       | $\dashv$ |          |       | 17       | $\dashv$       | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ |          |          | $\dashv$ | <u> </u>      |  |  |
|  | 18       | Ħ        | +       | +            | +        | -         | $\dashv$     |                     | $\dashv$ | -        |          | 68       | -               |                 | ╅        | ┪         | -         | -        |                  | $\dashv$       | $\dashv$ |          |       | 18       | $\dashv$       | -          | $\dashv$ |          | -        |          |          | $\dashv$ | -             |  |  |
|  | 19       | +        | +       | $\dagger$    | +        | $\dashv$  | $\dashv$     |                     | _        | -        |          | 69       |                 | $\vdash$        | -+       | $\dashv$  |           | $\dashv$ | $\dashv$         | -              | $\dashv$ | $\vdash$ |       | 19       | $\dashv$       | ┪          | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ |          | -             |  |  |
| H  | 20       | 1        | $\top$  | $^{\dagger}$ | $\dashv$ | $\dashv$  | $\exists$    |                     | $\neg$   | -        | -        | 70       |                 | H               | $\dashv$ | $\dashv$  | ┪         | $\dashv$ | -                | $\dashv$       | $\dashv$ | -        | +     | 20       | -              | $\dashv$   | +        | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | -             |  |  |
|  | 21       | +        | $\top$  | $\dagger$    | 十        | 寸         | $\dashv$     | $\neg$              | 一        | $\neg$   |          | 71       |                 |                 | $\dashv$ | +         | 寸         | $\dashv$ |                  | $\dashv$       | -        | $\vdash$ | 1     | 21       | -              | 十          |          | $\dashv$ | -        |          | $\dashv$ | -        | -             |  |  |
|  | 22       | T        | $\top$  | 十            | 1        | T         |              |                     |          | ヿ゙       |          | 72       |                 | Ħ               | $\dashv$ | 7         | ᅥ         | $\dashv$ | ᅱ                | 寸              |          |          |       | 22       | $\dashv$       | $\dashv$   | $\neg$   |          | $\dashv$ |          | $\dashv$ | $\neg$   | H             |  |  |
|  | 23       | $\top$   | 十       | T            | $\top$   | 寸         |              |                     | 寸        | $\neg$   |          | 73       |                 |                 |          | $\neg$    | $\neg$    | 寸        | $\neg$           |                |          | $\vdash$ | 1     | 23       | $\dashv$       | _          | $\dashv$ | 寸        |          |          | $\dashv$ | $\neg$   |               |  |  |
|  | 24       |          |         | 1            | 7        | 一         |              |                     |          | $\neg$   |          | 74       |                 |                 | $\neg$   | T         | $\exists$ | 1        | ヿ                | _              | $\dashv$ |          | 1     | 24       |                | _          | 寸        | ヿ        |          | _        | $\dashv$ | $\neg$   | $\overline{}$ |  |  |
|  | 25       |          | $\top$  | 1            |          | 寸         | T            |                     |          |          |          | 75       |                 |                 |          | T         | 寸         | $\dashv$ | 寸                | 寸              | $\neg$   |          |       | 25       | $\neg$         | 寸          | $\neg$   | $\neg$   |          |          | $\neg$   |          |               |  |  |
|  | 26       |          | $\top$  | $\perp$      | П        |           |              |                     |          |          |          | 76       |                 | $\neg$          |          | 寸         | $\neg$    | $\neg$   | $\Box$           |                |          |          | 1     | 26       |                | $\neg$     | $\neg$   | コ        | $\neg$   |          |          | $\neg$   | Г             |  |  |
|  | 27       |          |         | I            |          |           |              | $\Box$              | T        |          |          | 77       |                 |                 | T        |           | $\neg$    |          |                  |                |          |          | 1     | 27       | $\neg$         | $\neg$     |          | _        | T        |          |          | $\neg$   |               |  |  |
|  | 28       |          |         |              |          |           |              |                     |          |          |          | 78       |                 |                 | $\Box$   |           |           | $\neg$   |                  | $\neg$         | $\neg$   |          | 1     | 28       | $\neg$         | $\neg$     | $\neg$   | ヿ        | 一        |          |          |          |               |  |  |
|  | 29       |          |         | I            |          | $\Box$    |              |                     |          |          |          | 79       |                 |                 |          |           |           | T        |                  |                | $\Box$   |          | 1     | 29       |                | $\exists$  | $\neg$   | コ        |          |          | $\neg$   | $\neg$   |               |  |  |
|  | 30       |          |         | $\perp$      |          |           |              |                     |          |          | Ŀ        | 80       |                 |                 |          |           |           |          |                  |                | $\Box$   |          | 1     | 30       |                |            |          |          |          |          |          |          |               |  |  |
|  | 31       |          | ┸       | $\perp$      | $\perp$  | _         |              |                     | $\perp$  | ]        |          | 81       |                 |                 |          |           |           |          |                  |                |          |          | 1     | 31       |                |            |          |          |          |          |          |          |               |  |  |
|  | 32       | 4        | ┸       | $\bot$       | 4        | _         | _            | _                   | _        | _        |          | 82       |                 |                 | _        | _         | _         |          |                  |                |          |          | 1     | 32       |                |            |          |          |          | _]       |          |          |               |  |  |
|  | 33       | _        | $\perp$ | +            | 4        | _         | _            | _                   | _        | 4        |          | 83       |                 | $\perp$         | _        | 4         | _         | _        |                  | _              |          | <u> </u> | _   1 | 33       | $\perp$        | _          |          | _        | _        | _        |          | _        |               |  |  |
|  | 34       | -        | - -     | +            | 4        | _         | _            | 4                   | _        | _        | <u> </u> | 84       | Ш               |                 | ᆚ.       | 4         | 4         | _        | _                | _              | _        | <u> </u> | 1     | 34       | _ļ             | _          | _        | _        | _        |          |          |          |               |  |  |
|  | 35       | +        | 4       | +            | +        | 4         | 4            | $\dashv$            |          | 4        | -        | 85       | Щ               | -               | 4        | 4         | 4         | _        | 4                |                | _        | <u> </u> |       | 35       | _              | 4          | _        | _        | _        | _        | _        | _        |               |  |  |
|  | 36       | +        | +       | +            | +        | $\dashv$  | $\dashv$     |                     | -        | $\dashv$ | $\vdash$ | 86       | Н               | -               | 4        | 4         | $\dashv$  | 4        | _                | 4              | _        | <u> </u> | - 1   | 36       | _              | _          | _        | _        |          | _        | _        | _        |               |  |  |
|  | 37<br>38 | +        | +       | +            | +        | +         | -            |                     |          | -        | -        | 87       | $\vdash$        | $\dashv$        | +        | +         |           | -        | -                | -              | $\dashv$ | -        |       | 37       | -              | -          | $\dashv$ | _        | _        | _        | _        |          |               |  |  |
|  | 39       | +        | +       | +            | +        | +         | $\dashv$     | $\dashv$            | $\dashv$ | $\dashv$ | $\vdash$ | 88<br>89 | Н               | -               |          | +         | -         | $\dashv$ | -                | -              |          | <u> </u> | 1     | 38       | 4              | -          | $\dashv$ | 4        | _        |          | 4        | _        |               |  |  |
| ┝─┼  | 40       | +        | +       | +            | +        | $\dashv$  | $\dashv$     |                     |          | $\dashv$ |          | 90       | $\vdash$        | -               | -        | +         | -         | $\dashv$ | $\dashv$         | $\dashv$       | $\dashv$ | -        | +1    | 39       | -              | -+         |          | 4        | -        | -        |          |          | _             |  |  |
|  | 41       | +        | +       | +            | +        | $\dashv$  | -            | $\dashv$            | $\dashv$ | $\dashv$ | -        | 91       | $\vdash$        | $\dashv$        | +        | +         | $\dashv$  | +        | -+               | $\dashv$       | $\dashv$ | -        | 1     | 40<br>41 | $\dashv$       | $\dashv$   | +        | $\dashv$ |          |          | -        | $\dashv$ |               |  |  |
|  | 42       | $\dashv$ | +       | +            | +        | +         | -            | $\dashv$            | +        | $\dashv$ | $\vdash$ | 92       | $\vdash$        | +               | +        | +         | $\dashv$  | $\dashv$ | $\dashv$         |                | {        | -        |       | 42       | -              | $\dashv$   | +        | -+       |          |          | $\dashv$ | $\dashv$ | _             |  |  |
|  | 43       | +        | +       | +            |          | +         | $\dashv$     | +                   | $\dashv$ |          | -        | 93       | $\vdash$        | $\dashv$        | +        | +         | $\dashv$  | $\dashv$ | +                | $\dashv$       | $\dashv$ | -        | +     | 43       | -+             | $\dashv$   | $\dashv$ | +        | -        | $\dashv$ | $\dashv$ |          | _             |  |  |
| <del>     </del>                                 | 44       | $\dashv$ | +       | $^{+}$       | ╁        | +         | $\dashv$     | $\dashv$            | +        | $\dashv$ | -        | 94       | $\vdash$        | $\dashv$        | +        | +         | $\dashv$  | $\dashv$ | -                | $\dashv$       | $\dashv$ | -        | +     | 44       | -              | $\dashv$   | +        | +        | $\dashv$ | $\dashv$ | $\dashv$ | -        |               |  |  |
|  | 45       | +        | +       | +            | +        | +         | $\dashv$     | +                   | -        | $\dashv$ | $\vdash$ | 95       | $\vdash$        | $\dashv$        | +        | +         | +         | $\dashv$ | +                | $\dashv$       | $\dashv$ | $\vdash$ | 1     | 45       | $\dashv$       | +          | $\dashv$ | $\dashv$ | -        |          | $\dashv$ | $\dashv$ | _             |  |  |
|  | 46       | 十        | $\top$  | $\dagger$    | $\top$   | $\dashv$  | -+           | $\dashv$            | $\dashv$ | $\dashv$ | H        | 96       | $\vdash \vdash$ | $\dashv$        | $\dashv$ | $\dagger$ | +         | $\dashv$ | $\dashv$         | $\dashv$       | -        | $\vdash$ | 1     | 46       | <del>.  </del> | +          | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ┰┤       | _             |  |  |
|  | 47       | $\top$   | ┪       | $\dagger$    | 十        | $\dagger$ | 7            | _                   | _        | $\dashv$ |          | 97       | $\vdash$        | $\dashv$        | $\dashv$ | +         | +         | $\dashv$ | $\dashv$         | $\dashv$       | $\dashv$ | -        | 1     | 47       | $\dashv$       | 十          | +        | ┪        | $\dashv$ | -        | $\dashv$ | $\dashv$ | _             |  |  |
|  | 48       | 十        | $\top$  | $\top$       | 十        | 7         | 1            | 7                   | 7        | 7        |          | 98       |                 | $\dashv$        | $\dashv$ | $\dagger$ | $\dashv$  | $\dashv$ | $\dashv$         | $\dashv$       | _        |          | 1     | 48       | $\dashv$       | $\dashv$   | 7        | -        | +        | ┪        | _        | ᅥ        |               |  |  |
|  | 49       | $\top$   | $\top$  | Ť            | 7        | 1         | 寸            | $\dashv$            | _        | 7        |          | 99       |                 | 十               | $\top$   | $\forall$ | $\dashv$  | $\dashv$ | _                | $\neg$         | $\neg$   | _        | 1     | 49       | $\dashv$       | $\neg$     | +        | $\dashv$ | +        | 寸        | _        | 一        | _             |  |  |
|  | 50       |          | T       | T            |          | $\forall$ |              | 寸                   |          | 7        |          | 100      |                 | 寸               | $\neg$   | $\top$    | $\dashv$  | $\neg$   | _                | $\dashv$       | $\neg$   |          | 1     | 50       | $\dashv$       | $\top$     | $\top$   | 1        | 寸        | 7        | $\dashv$ | 寸        |               |  |  |